



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/825,908
Source: IFwo
Date Processed by STIC: 4/22/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFW0

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/825,908

DATE: 04/22/2004
TIME: 10:01:03

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\04222004\J825908.raw

3 <110> APPLICANT: Harris, James
5 <120> TITLE OF INVENTION: Amplification and Detection of Neisseria gonorrhoeae
7 <130> FILE REFERENCE: P-5677
-> 9 <140> CURRENT APPLICATION NUMBER: US/10/825,908
-> 10 <141> CURRENT FILING DATE: 2004-04-16
-> 12 <160> NUMBER OF SEQ ID NOS: (23) *see p. 6*
14 <170> SOFTWARE: Microsoft Word 2000

RORED SEQUENCES

16 <210> SEQ ID NO: 1
17 <211> LENGTH: 41
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial Sequence
21 <220> FEATURE:
22 <223> OTHER INFORMATION: Amplification Primer
24 <400> SEQUENCE: 1
-> 25 *cggtctccagt ccagacttct cgggaatcaa aagcgaatgc g*
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 41
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Amplification Primer
35 <400> SEQUENCE: 2
-> 36 *actacgtcga atgcatgtct cgggacttct tcattcttttg c*
40 <210> SEQ ID NO: 3
41 <211> LENGTH: 13
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Bumper Primer
48 <400> SEQUENCE: 3
-> 49 *ccgcagcata cgc*
51 <210> SEQ ID NO: 4
52 <211> LENGTH: 15
53 <212> TYPE: DNA
54 <213> ORGANISM: Bumper Primer
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
59 <400> SEQUENCE: 4
-> 60 *tgcgcatatg ctttg*

pp 1-6
Does Not Comply
Corrected Diskette Needed

*41 ← insert cumulative
nucleotide total at
right margin of each
line*

41 ← insert

13 ←

15 ←

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PATENT APPLICATION: US/10/825,908

TIME: 10:01:03

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\04222004\J825908.raw

```

62 <210> SEQ ID NO: 5
63 <211> LENGTH: 41
64 <212> TYPE: DNA
65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Adapter Oligonucleotide
70 <400> SEQUENCE: 5
-> 71 acgttagcca ccatacttga gtgatgacgg tttttcattg c 41←
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 43
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Adapter Oligonucleotide
81 <400> SEQUENCE: 6
-> 82 actgatccgc actaacgact gctttgctag ttgcctcaga cat 43←
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 35
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Detection Probe; T at position 1 is labeled with dabcy1; T at
sition 15
93 is labeled
94 with Rhodamine
96 <400> SEQUENCE: 7
-> 97 tagtgcccga gcactacgtt agccaccata cttga 35←
99 <210> SEQ ID NO: 8
100 <211> LENGTH: 36
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Detection Probe; T at position 1 is labeled with fluorescein; T at
sition
106 15 is
107 labelled with dabcy1
109 <400> SEQUENCE: 8
-> 110 tagcacccga gtgctaactg atccgcacta acgact 36←
112 <210> SEQ ID NO: 9
113 <211> LENGTH: 58
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Internal Amplification Control
120 <400> SEQUENCE: 9
-> 121 aatcaaaagc gaatgcgtat gtctgaggca actagcaaag ctgcaaaaga tgaagaag 58←
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 40
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:

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RAW SEQUENCE LISTING

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Input Set : A:\PTO.DA.txt

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131 <223> OTHER INFORMATION: Amplification Primer
 133 <400> SEQUENCE: 10
 -> 134 **cgtctccagt ccagacttct cgggaatcaa aagcgaatgc** 40 ←
 136 <210> SEQ ID NO: 11
 137 <211> LENGTH: 42
 138 <212> TYPE: DNA
 139 <213> ORGANISM: Artificial Sequence
 141 <220> FEATURE:
 142 <223> OTHER INFORMATION: Amplification Primer
 144 <400> SEQUENCE: 11
 -> 145 **cgtctaccgt ccagacttct cgggaatcaa aagcgaatgc gc** 42 ←
 147 <210> SEQ ID NO: 12
 148 <211> LENGTH: 42
 149 <212> TYPE: DNA
 150 <213> ORGANISM: Artificial Sequence
 152 <220> FEATURE:
 153 <223> OTHER INFORMATION: Amplification Primer
 155 <400> SEQUENCE: 12
 -> 156 **actacgtcga atgcatgtct cgggacttct tcactctttg cc** 42 ←
 158 <210> SEQ ID NO: 13
 159 <211> LENGTH: 43
 160 <212> TYPE: DNA
 161 <213> ORGANISM: Artificial Sequence
 163 <220> FEATURE:
 164 <223> OTHER INFORMATION: Amplification Primer
 166 <400> SEQUENCE: 13
 -> 167 **actacgtcga atgcatgtct cgggagcttc ttcactctttt gcc** 43 ←
 171 <210> SEQ ID NO: 14
 172 <211> LENGTH: 12
 173 <212> TYPE: DNA
 174 <213> ORGANISM: Artificial Sequence
 176 <220> FEATURE:
 177 <223> OTHER INFORMATION: Bumper Primer
 179 <400> SEQUENCE: 14
 -> 180 **ccgcagcata cg** 12 ←
 182 <210> SEQ ID NO: 15
 183 <211> LENGTH: 14
 184 <212> TYPE: DNA
 185 <213> ORGANISM: Artificial Sequence
 187 <220> FEATURE:
 188 <223> OTHER INFORMATION: Bumper Primer
 190 <400> SEQUENCE: 15
 -> 191 **ccgcagcata cgcg** 14 ←
 193 <210> SEQ ID NO: 16
 194 <211> LENGTH: 14
 195 <212> TYPE: DNA
 196 <213> ORGANISM: Artificial Sequence
 198 <220> FEATURE:
 199 <223> OTHER INFORMATION: Bumper Primer

RAW SEQUENCE LISTING

DATE: 04/22/2004

PATENT APPLICATION: US/10/825,908

TIME: 10:01:03

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\04222004\J825908.raw

201 <400> SEQUENCE: 16

-> 202 ttgcgcatat gctt 14 ←

204 <210> SEQ ID NO: 17

205 <211> LENGTH: 15

206 <212> TYPE: DNA

207 <213> ORGANISM: Artificial Sequence

209 <220> FEATURE:

210 <223> OTHER INFORMATION: Bumper Primer

212 <400> SEQUENCE: 17

-> 213 ctttgatgat ttgcg 15 ←

217 <210> SEQ ID NO: 18

218 <211> LENGTH: 42 41 shown

219 <212> TYPE: DNA

220 <213> ORGANISM: Artificial Sequence

222 <220> FEATURE:

223 <223> OTHER INFORMATION: Adapter Oligonucleotide

225 <400> SEQUENCE: 18

-> 226 acgtagcca ccatacttga gcaatgaaaa, accgtcatc ac 41 ←

228 <210> SEQ ID NO: 19

229 <211> LENGTH: 59 60

230 <212> TYPE: DNA

231 <213> ORGANISM: Artificial Sequence

233 <220> FEATURE:

234 <223> OTHER INFORMATION: Internal Amplification Control

236 <400> SEQUENCE: 19

-> 237 aatcaaaagc gaatgcgtat gtctgaggca actagcaaag cagtgcaaaag atgaagaag 60 ←

239 <210> SEQ ID NO: 20

240 <211> LENGTH: 41

241 <212> TYPE: DNA

242 <213> ORGANISM: Artificial Sequence

244 <220> FEATURE:

245 <223> OTHER INFORMATION: Adapter Oligonucleotide

247 <400> SEQUENCE: 20

-> 248 actgatccgc actaaccgact gtgatgacgg tttttcattg c 41 ←

250 <210> SEQ ID NO: 21

251 <211> LENGTH: 44 43

252 <212> TYPE: DNA

253 <213> ORGANISM: Artificial Sequence

255 <220> FEATURE:

256 <223> OTHER INFORMATION: Adapter Oligonucleotide

258 <400> SEQUENCE: 21

-> 259 acgtagcca ccatacttga gctttgctag ttacctcag acat 43 ←

275 <210> SEQ ID NO: 23

276 <211> LENGTH: 29

277 <212> TYPE: DNA

278 <213> ORGANISM: Artificial Sequence

280 <220> FEATURE:

281 <223> OTHER INFORMATION: Detection Probe; T at position 1 is labeled with fluoroscein; A at position 10 is

see p. 5

RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/825,908

TIME: 10:01:03

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\04222004\J825908.raw

283 labeled with dabcy1

285 <400> SEQUENCE: 23

-> 286 tccccgagta ctgatccgca ctaacgact

-> 289 #75211

29 ←

*delete**see P. 6*

10/825,908

6

<210> 22
<211> 29
<212> DNA
<213> Artificial Sequence

<220>

<223> Detection Probe; T at position 1 is labeled with dabcy1; A at position 10
is labeled
with Rhoadamine

<400> 22

tccccgagta cgtagccac cataacttga

<210> 23

insert
→

29 ← insert

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/825,908

DATE: 04/22/2004
TIME: 10:01:04

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\04222004\J825908.raw

valid Line Length:

rules require that a line not exceed 72 characters in length. This includes spaces.

¶#:7; Line(s) 92
¶#:8; Line(s) 105
¶#:22; Line(s) 269

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/825,908

DATE: 04/22/2004

TIME: 10:01:04

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\04222004\J825908.raw

9 M:270 C: Current Application Number differs, Replaced Application Number
 10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 25 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:1
 36 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:2
 49 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:13 SEQ:3
 50 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:15 SEQ:4
 71 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:5
 32 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:43 SEQ:6
 97 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:35 SEQ:7
 110 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:8
 121 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:58 SEQ:9
 134 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:40 SEQ:10
 145 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:42 SEQ:11
 156 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:42 SEQ:12
 167 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:43 SEQ:13
 180 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:12 SEQ:14
 191 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:14 SEQ:15
 202 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:14 SEQ:16
 213 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:15 SEQ:17
 226 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:18
 226 M:252 E: No. of Seq. differs, <211> LENGTH:Input:42 Found:41 SEQ:18
 237 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:19
 237 M:252 E: No. of Seq. differs, <211> LENGTH:Input:59 Found:60 SEQ:19
 248 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:20
 259 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:43 SEQ:21
 259 M:252 E: No. of Seq. differs, <211> LENGTH:Input:44 Found:43 SEQ:21
 276 M:280 W: Numeric Identifier already exists, Length not replaced.
 277 M:280 W: Numeric Identifier already exists, Type not replaced.
 278 M:280 W: Numeric Identifier already exists, Organism not replaced.
 286 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:29 SEQ:22
 254 Repeated in SeqNo=23
 289 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
 289 M:252 E: No. of Seq. differs, <211> LENGTH:Input:29 Found:30 SEQ:22
 12 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (23) Counted (22)